

## 02000 DIVISION 2 SITEWORK

- A. Take care when specifying and detailing sitework to diligently set bearing and excavation elevations. Do not provide specifications that contradict the principle of unclassified subsurface conditions to design depth.

## 07000 DIVISION 7 THERMAL AND MOISTURE PROTECTION

- A. For any project involving the application of a roofing system to a low-sloped (i.e. flat) roof, or a metal roof of any slope, review the standard documents 00640 Three-Year Roof Bond and 01786 Roofing System Warranty and the related parts in this chapter, and coordinate specifications accordingly.
- B. **Specify the manufacturer's warranty:**
  - 1. The roofing system warranty shall be provided on the RPA Std form Section 01786 Roofing System Warranty.
  - 2. **Name the appropriate "Roofing System Components Included Under this Warranty"**, listing one or more of the component options listed on the middle of page 1 of Section 01786. Name them exactly to avoid confusion. Frequently, only the system, system accessories, and system flashing can be warranted together, and other items need separate manufacturer's warranties.
  - 3. **Name the appropriate warranty term, from 10 to 25 years.** Consult with RPA regarding which of the terms are to be specified. Factors for determination will be system type, current industry acceptance, and cost differences; however, a 20-year term is preferable. Whatever the case, a longer length term may be made a bid alternate by specifying an alternate time(s) substituting a longer term for the base bid term.
  - 4. **Specify to provide separate warranties if more than one roof or type of roof system** is being installed in a single project. For such cases, specify a separate components list for each separate warranty to be provided. Consult with specified membrane manufacturer to verify whether sheet metal items can be warranted under the 01786 form. If not, a separate sheet metal warranty is to be required. Sheet metal warranty should have a 20-year finish & 3-year contractor material and workmanship warranty.
  - 5. The Designer may specify or supplementary instruct the Contractor as to the "Designer's Roof Cost Estimate".
  - 6. **Specify that warranty form Section 01786 shall supersede all other provided warranties** pertaining to same-covered systems and/or components.
  - 7. **Other warranties may be specified** covering same systems as warranty form Section 01786 and having longer terms, but only when stipulating such would become effective only upon the term end of the warranty form Section 01786. If other such warranties are specified, stipulate precisely the minimum warranty requirements.
- C. The RPA **Roofing / Re-roofing Design Guideline** shall be used for projects involving this work. The intent of this guideline is to maintain a level of standardization with all State-owned roofs. This guideline shall be utilized for developing the specifications and drawings required for this work. The staff of RPA shall provide this document, and is available to discuss this requirement.

## 13215 UNDERGROUND STORAGE TANK INSTALLATION

- A. The RPA **Underground Storage Tank Installation Design Guideline** shall be used for projects involving this work. The intent of this guideline is to maintain a level of standardization with all State-owned tanks in their compliance with related federal and state regulations, and in their possible incorporation with the "Fuelman" automated fuel inventory system. This guideline shall be utilized for developing the specifications and drawings required for this work. The staff of RPA shall provide this document, and is available to discuss this requirement.

